

CLAIMS

Claims 1-61 (Canceled)

62. (Currently Amended) A method of constructing a transportable building, comprising the steps of ~~comprising the step of:~~

(a) providing a foundation at a building site;

(b) producing a room comprising at least one service module of a frame construction in a factory located away from the building site, the room comprising the service module being rectangular in shape and forming a first room of the transportable building assembled for transport with at least a floor, at least three walls and a top roof or ceiling plate, and having dimensions corresponding to a width and a length of a vehicle and being transportable thereon, the room comprising the at least one service module having a height which substantially corresponds to half of a length thereof, the service module being outfitted with installations including having fixtures preassembled therein ready for connection to building services so that the service module is in a ready to use condition;

(c) producing a plurality of stackable horizontal floor and roof segments of a frame construction in a factory away from the building site, each horizontal segment having a width substantially corresponding to the height of the service module and a length substantially corresponding to the length of the service module, the horizontal segments being connectable endwise with the floor or roof plate of the at least one service module and being contiguous therewith for extending the floor or roof therefrom

(d) producing a plurality of vertical wall segment of a frame construction, stackable with the horizontal segments, in a factory located away from the building site, each vertical wall segment having a height substantially corresponding to the height of the service module and a length substantially corresponding to the length of the service module, the vertical wall segments being connectable to the

horizontal floor and roof segments;

(d) transporting the room comprising the at least one service module, the plurality of horizontal floor and roof segments and the plurality of vertical wall segment to the building site by means of a vehicle appropriate for container transportation;

(e) placing the room comprising the at least one service module on the foundation of the building;

(f) placing the plurality of horizontal floor segments on the foundation of the building and connecting the horizontal floor segments with the floor of the room comprising the at least one service module;

(g) attaching the plurality of vertical wall segments to the horizontal floor segments; and

(h) attaching the horizontal roof segments to the vertical wall segments and to the top roof plate of the room comprising the service module, such that a complete transportable building is assembled on site.

63. (Currently Amended) The method as claimed in claim 62, further comprising providing at least two rooms comprising at least two service modules, and, after step (e), connecting the two rooms comprising at least two service modules in an end to end aligned relation such that the floors and roofs of each service module are on the same level, respectively.

64. (Currently Amended) The method as claimed in claim 62, wherein said room comprising at least one service module has walls and ~~the vertical~~ vertical wall segments ~~are produced with~~ containing predetermined door and window openings.

65. (Currently Amended) The method as claimed in claim 62, further comprising step (i) ~~comprising step (i)~~, connecting additional structural elements to

the assembled transportable building.

66. (Previously Presented) The method as claimed in claim 62, further comprising stacking for transport the horizontal segments and vertical segments and temporarily connecting them together to form a block, the block having a length and a width corresponding to a length and a width of a standardized container for transport with the vehicle appropriate for container transportation.

67. (Currently Amended) The method as claimed in claim 62, wherein the length and width of the room comprising the at least one service module correspond to a length and a width of a standardized container for transport with the vehicle appropriate for container transportation.

68. (Currently Amended) A transportable modular building comprising:
at least one room comprising at least one service module of a frame construction produced in a factory located away from the building site, the at least one ~~room service module~~ assembled with at least a floor, walls and a top roof or ceiling plate, the ~~room service module~~ being shaped to correspond to a length and a width of a ~~shape of a~~ transportable container, and being sized for enabling container transportation of the ~~room service module~~, the room comprising at least one service module being outfitted with installations including having fixtures preassembled therein ready for connection to building services so that the service module is in a ready to use condition, the room comprising at least one service module having a height which substantially corresponds to half of a length thereof;
a plurality of stackable horizontal floor and roof segments of a frame construction produced in a factory away from the building site, each horizontal segment having a width substantially corresponding to the height of the room comprising the service module and a length substantially corresponding to the length of the room comprising the service module, the horizontal floor and roof

segments being connectable endwise respectively with the floor and top roof plate of the room comprising the at least one service module, and with each other, and being contiguous therewith for extending the floor and roof therefrom;

a plurality of vertical wall segments of a frame construction, and being stackable with the horizontal segments, produced in a factory located away from the building site, each vertical wall segment having a height substantially corresponding to the height of the room comprising the service module and a length substantially corresponding to the length of the room comprising the service module, each vertical wall segment being attachable to the horizontal floor segments for providing a wall in the transportable building;

the plurality of horizontal roof segments being attachable to the plurality of vertical wall segments and to the room comprising the service module for providing a roof for the transportable building, and,

wherein the horizontal floor segments, horizontal roof segments and vertical wall segments are stackable for transport, being temporarily connectable together to form a block having a length and a width corresponding to a length and a width of a standardized container.

69. (Currently Amended) The modular building as claimed in claim 68, wherein the horizontal floor and roof segments are attached perpendicularly to a longitudinal axis of the room comprising the service module.

70. (Previously Presented) The modular building as claimed in claim 68, further comprising vertical assembly posts of a square cross-section and having a width substantially corresponding to a thickness of the vertical segments being placed between neighboring vertical segments.

71. (Previously Presented) The modular building as claimed in claim 68, wherein the horizontal and vertical segments are of the same construction.

72. (Previously Presented) The modular building as claimed in claim 68, wherein the horizontal floor and roof segments and the vertical segments are of the same dimensions.

73. (Currently Amended) The modular building as claimed in claim 68, further comprising at least two rooms comprising at least two service modules which are assembleable to each other in an end to end aligned relation, having floors and top roof or ceiling plates at common levels.

74. (Currently Amended) The modular building as claimed in claim 68, wherein the building is assembled from two rooms comprising two service modules connected in an end to end aligned relation with each other, eight horizontal floor segments connected to floors thereof, eight horizontal roof segments connected to roofs thereof, and eight vertical wall segments attached between the horizontal floor and roof segments.

75. (Previously Presented) The modular building as claimed in claim 74, further comprising a plurality of vertical assembly posts of a square cross-section and having a width substantially corresponding to a thickness of a vertical wall segment, placed between neighboring vertical wall segments.